Index of Claims

| Application No. |
|-----------------|
|-----------------|

10/083,894

Examiner

Date

Applicant(s)

**BROWN ET AL** 

**Art Unit** 

Ralph Gitomer

1651

√ Rejected
= Allowed

|   | (Through numeral) |
|---|-------------------|
| - | Cancelled         |

Claim

÷

Restricted

| N | Non-Elected  |
|---|--------------|
| - | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|          |  | Ш                              |          |          |              |          |          | ١            |              |              |     |
|----------|--|--------------------------------|----------|----------|--------------|----------|----------|--------------|--------------|--------------|-----|
|          |  |                                |          |          |              |          |          |              | _            |              |     |
| Cla      | im_  | <u> </u>                       |          |          | [            | Date     | •        |              |              | _            |     |
|          | a  | ا ـ ا                          |          |          |              |          |          |              |              |              |     |
| Final    | Original                                     | 7/1/04                         |          |          |              |          |          | -            |              |              | À   |
| ίΞ       | ij   | 7                              |          |          |              |          |          |              |              |              | ŀ   |
|          |  |                                |          |          |              |          |          |              |              |              |     |
|          | 1  | П                              |          |          |              |          |          |              |              |              | l   |
|          | 2  |                                |          |          |              |          |          |              |              |              | ĺ   |
|          | 3  | П                              |          |          |              |          |          |              |              |              |     |
|          | 4  | П                              |          |          |              |          |          |              |              |              |     |
|          | 1<br>2<br>3<br>4<br>5                        |                                |          |          |              |          |          |              |              |              |     |
|          | 6  | П                              |          | •        |              |          |          |              |              |              | 1   |
|          | 7  |                                |          |          |              |          |          |              |              |              | 1   |
|          | 8  | М                              | -        |          |              |          |          |              |              |              |     |
|          | 9  | Н                              |          |          | $\vdash$     |          |          |              |              |              |     |
|          | 10   | Н                              |          |          |              |          | $\Box$   |              |              | $\vdash$     | ٠.  |
|          | 11   |                                | _        |          |              |          |          |              |              |              | ١.  |
|          | 12   | Н                              | _        |          | $\vdash$     |          |          |              | П            |              |     |
|          | 13   | Н                              |          |          | $\vdash$     | H        |          |              | -            | _            |     |
| $\vdash$ | 14   | Н                              | _        |          |              | $\vdash$ |          |              |              | Н            |     |
| <b> </b> | 11<br>12<br>13<br>14<br>15<br>16<br>17<br>18 | H                              |          |          | -            |          | $\vdash$ |              | -            |              |     |
|          | 16   | Н                              | -        | _        |              | -        |          |              | _            | _            |     |
| $\vdash$ | 17   |                                |          | _        |              | H        |          |              |              |              | 1   |
|          | 18   | H                              | —        | $\vdash$ | H            |          | _        | -            | _            | $\vdash$     |     |
|          | 10   | Η.                             |          | _        |              |          |          | _            | -            |              |     |
| -        | 20   | -                              | -        | -        | -            |          | _        | $\vdash$     |              |              | ł   |
| -        | 21   |                                |          | $\vdash$ | -            | $\vdash$ |          | _            | _            |              |     |
|          | 21   | ├                              | _        | _        | $\vdash$     | $\vdash$ |          | _            | <u> </u>     |              |     |
|          | 22<br>23                                     | H                              | _        | <u> </u> | $\vdash$     |          | _        |              |              | -            | ł   |
|          | 24   | ⊢                              |          | -        | ├-           | -        | _        | _            | ┝            | -            | -   |
|          | 25   | $\vdash$                       |          | -        | <del> </del> |          |          | ,            | ┝            | H            | ł   |
|          | 26   | $\vdash$                       | _        | -        | -            |          | _        |              | -            | $\vdash$     |     |
| <u> </u> | 20   | H                              |          | _        | -            | ⊢        | -        | -            |              | ⊢            |     |
|          | 27<br>28                                     | ⊢                              | _        | _        |              | _        |          | _            | <del> </del> | -            | ł   |
|          | 20   | ⊢                              |          | ⊢        | -            | ┝        |          |              | ⊢            | ⊢            | 1   |
| -        | 29   | <del> </del>                   | -        | <u> </u> | H            |          | ┡        | _            | <del> </del> | <del> </del> |     |
|          | 30<br>31                                     | -                              | _        | ┝        | <u> </u>     | _        | <u> </u> | _            | <u> </u>     | ├            | 1   |
|          | 31   | $\vdash$                       |          | $\vdash$ |              |          |          | _            |              | ├            | ł   |
|          | 32   | -                              | _        | _        | _            |          |          |              | <u> </u>     | ⊢            | ł   |
| <u> </u> | 33   | -                              | ļ        | -        | -            | ├        | <u> </u> | <del> </del> | $\vdash$     | $\vdash$     | ł   |
| <u> </u> | 34   | <b> </b>                       | <u> </u> | -        | <b>├</b>     | _        | <u> </u> | <u> </u>     | <u> </u>     | <u> </u>     |     |
|          | 35<br>36                                     | $\vdash$                       | <u> </u> | $\vdash$ | <del> </del> | $\vdash$ | -        | <b> </b>     | -            | _            |     |
|          | 36   | _                              |          |          | _            |          | _        | <u> </u>     | -            | <u> </u>     | ł   |
| <u> </u> | 37   | -                              |          | _        | _            |          | <u> </u> | <u> </u>     | _            | <u> </u>     | ŀ   |
| _        | 38   | 0                              | _        | _        | _            | _        | <u> </u> |              |              | _            |     |
| ļ        | 39   | i                              | <u> </u> |          | _            | <u> </u> | L        | L            | _            |              | Į   |
|          | 40   | ~                              | L        | _        | L_           | <u> </u> | <u> </u> | <u> </u>     | _            | _            |     |
| L_       | 41   | i                              | _        | _        | <u> </u>     | <u> </u> | $\vdash$ | -            | <u> </u>     | _            | 1   |
|          | 42   | 1                              | _        | <u> </u> | <u> </u>     | L_       | <u> </u> | $\vdash$     | <u> </u>     | <u> </u>     |     |
|          | 43   | <u>L</u>                       | <u> </u> | <b> </b> | <u> </u>     | <u> </u> | <u> </u> | <u> </u>     | <u> </u>     | <u> </u>     | -   |
|          | 44   | $oxed{oxed}$                   | _        | <u>L</u> | $\vdash$     | <u> </u> | L_       | <u> </u>     | oxdot        | <u> </u>     | 1   |
|          | 45   | $oxed{\Box}$                   |          | _        | _            | L        | L_       | <u> </u>     | L            | <u> </u>     | ] . |
|          | 46   |                                |          |          |              | L        | L        | <u></u>      | <u> </u>     | <u> </u>     | ]   |
|          | 47   | $oxedsymbol{oxedsymbol{oxed}}$ | L        |          |              |          |          | L            | 乚            | $oxed{oxed}$ | ]   |
|          | 48   |                                | L        |          |              | _        |          |              |              | L            |     |
|          | 49   | L                              | L        | L        | Ĺ            | L        |          | -            |              | L            |     |
|          | 50   | Γ                              |          |          |              |          |          |              |              |              |     |

| 0.0      |                            | $\vdash$  |          | _            | _  |          |          | _        | _        |          |    |
|----------|----------------------------|-----------|----------|--------------|--|----------|----------|----------|----------|----------|----|
| Final    | Original                   | 7/<br>/64 | ,        |              |  |          |          |          | 0        |          |    |
|          | 51<br>52                   | $\vdash$  |          |              |  |          |          |          |          |          | l  |
|          | 52                         | W         | -        | •            |  |          |          |          |          |          | l  |
|          | 53                         |           |          |              |  |          |          |          |          |          | ١  |
|          | 54                         |           |          |              |  | П        |          |          |          |          |    |
|          | 53<br>54<br>55             |           |          |              |  |          |          |          |          |          | ١  |
|          | 56                         |           |          |              |  |          |          |          |          |          |    |
|          | 56<br>57                   |           |          |              |  |          | _        |          |          |          |    |
|          | 58                         |           |          |              |  | Т        |          |          | $\Box$   |          |    |
|          | 59                         |           |          |              |  | Г        |          |          |          |          | ı  |
|          | 60                         |           |          |              |  | Г        |          |          |          |          | l  |
|          | 61<br>62<br>63             |           | -        |              |  | Г        |          |          |          |          | l  |
|          | 62                         |           |          |              |  |          |          |          |          |          |    |
|          | 63                         | Г         |          |              |  |          |          |          |          |          |    |
|          | 64                         |           |          | _            |  | _        |          |          |          |          | ĺ. |
|          | 64<br>65                   | ·         |          |              |  | $\vdash$ |          |          |          |          |    |
|          | 66                         | Т         |          |              |  |          |          |          |          | _        |    |
|          | 67                         |           |          | $\vdash$     |  |          |          |          |          |          | -  |
|          | 68                         | -         |          | _            | Т  | _        |          | _        |          |          | ı  |
| <b></b>  | 69                         |           |          | $\vdash$     | H  |          |          | _        |          | _        | ١  |
|          | 69<br>70<br>71             | $\vdash$  | $\vdash$ |              | ┢  | -        | -        | $\vdash$ | $\vdash$ |          | ŀ  |
|          | 71                         | ┢         | -        | 1            | -  |          | -        | $\vdash$ |          |          | l  |
|          | 72                         | H         | -        | <del> </del> | $\vdash$   | $\vdash$ | _        |          | $\vdash$ | _        | i  |
|          | 73                         | H         | $\vdash$ | $\vdash$     | -  | Н        |          | $\vdash$ | -        |          | l  |
|          | 74                         | $\vdash$  | 1        | ┢            |  |          |          |          |          |          | l  |
| <u> </u> | 75                         | $\vdash$  | -        | $\vdash$     | $\vdash$   |          | - 12     | $\vdash$ | -        | -        | ŀ  |
|          | 72<br>73<br>74<br>75<br>76 | ┢         |          |              | $\vdash$   | $\vdash$ | $\vdash$ |          |          | $\vdash$ |    |
|          | 77                         | ╁╌╴       | $\vdash$ | -            | -  | 1        |          |          |          | Τ        | ŀ  |
|          | 77<br>78                   | t         | $\vdash$ |              |  | Г        |          |          |          |          | ١. |
|          | 79                         |           |          |              | -  | _        | Г        |          | _        | _        | 1  |
|          | 80                         |           | $\vdash$ | -            |  |          |          |          | T        | Т        | 1  |
|          | 81                         | t         | $\vdash$ |              |  | $\vdash$ | -        | Т        |          |          | l  |
|          | 82                         | ┢         | $\vdash$ | $\vdash$     | _  | Г        |          |          | Г        | ┢        | ŀ  |
|          | 83                         | $t^-$     | -        | ┢            | _  | $\vdash$ | -        |          | ┪        | _        | ١  |
|          | 84                         | 1         | <u> </u> | 1            |  | Г        | _        |          |          | _        | ١  |
|          | 85                         |           | $\vdash$ |              | _  | t        |          |          | <u> </u> | _        | ١  |
|          | 86                         | $\vdash$  | $\vdash$ |              | _  | $\vdash$ | <b>-</b> | 1        | Г        |          | 1  |
|          | 87                         |           |          |              | Г  |          |          | Г        | 一        |          | 1  |
|          | 88                         | ऻ         |          |              |  | Г        | Г        | Г        |          |          | 1  |
|          | 89                         | <u> </u>  | T        | Т            | <del>                                     </del> | $\vdash$ |          |          |          |          | 1  |
|          | 90                         |           | П        |              |  |          |          |          |          |          | 1  |
|          | 91                         |           |          | Τ            | $\vdash$   |          | Г        | $\vdash$ |          |          | 1  |
|          | 92                         | ļ         |          | T            |  |          |          | Г        |          |          | 1  |
|          | 93                         | T         |          |              | Γ  |          |          |          | Π        | Γ        | 1  |
|          | 94                         | T         |          | Γ            |  |          |          |          |          |          | 1  |
|          | 95                         | <b>T</b>  |          |              | Г  | T        | Г        | Г        |          | Γ.       | 1  |
|          | 96                         |           | ⇈        | Γ            |  |          | Г        | Г        | T        | Г        | 1  |
|          | 97                         | 1         |          | T            |  | $\vdash$ | 1        | T        | $\vdash$ | T        | ŀ  |
|          | 98                         | T         | 1        |              | T  | T        |          | T        | Г        | Т        | 1  |
|          | 99                         | 1         |          | $\vdash$     |  | T        | $I^-$    |          |          | Ι_       | 1  |
|          | 100                        |           |          |              | Г  | $\vdash$ |          |          |          |          | 1  |
|          |                            | •         |          | •            |  | _        | •        |          |          |          | •  |

| Cla          | aim   |          |                                     | -  |          | Date     | <del></del>  |          | _              |                 |
|--------------|---|----------|-------------------------------------|--|----------|----------|--------------|----------|----------------|-----------------|
|              |   |          |                                     |  |          |          |              |          |                |                 |
| Final        | Original                                      |          |                                     |  |          |          |              |          |                |                 |
|              | 101   |          |                                     |  |          |          |              | _        |                |                 |
|              | 102<br>103                                    |          |                                     |  |          |          |              |          |                | _               |
|              | 103   |          |                                     |  | -        | Ш        |              |          |                | $\Box$          |
|              | 104   |          |                                     |  |          |          |              |          | $\Box$         |                 |
|              | 105   |          |                                     |  |          |          |              |          |                |                 |
|              | 106   |          |                                     |  |          |          |              |          |                |                 |
|              | 107   |          |                                     |  |          |          |              |          |                | _               |
|              | 108   |          |                                     |  |          |          |              |          |                | _               |
| <u> </u>     | 109   | -1       | _                                   | $\vdash$   |          |          |              |          | _              |                 |
|              | 110   |          |                                     | -  |          |          |              |          | _              | $\dashv$        |
| ļ            | 111   |          |                                     | _  | _        | -        |              |          |                | $\dashv$        |
| -            | 110<br>111<br>112<br>113<br>114               | Н        | _                                   | $\vdash$   | -        | $\vdash$ | -            | _        | -              | $\vdash \vdash$ |
|              | 113   | $\vdash$ |                                     | $\vdash$   | <u> </u> | -        | -            | _        | $\vdash$       | $\vdash\vdash$  |
| $\vdash$     | 115   | $\vdash$ | -                                   | $\vdash$   | -        | $\vdash$ | $\vdash$     |          | $\vdash$       | Н               |
|              | 116   | $\vdash$ | _                                   | $\vdash$   |          | Н        | Н            |          | $\vdash$       | $\vdash \vdash$ |
| -            | 117   | $\vdash$ |                                     | -  | -        |          | <del> </del> | -        |                | $\vdash \vdash$ |
| <del> </del> | 118   | H        |                                     | $\vdash$   | $\vdash$ |          |              | _        | Н              | Н               |
| <u> </u>     | 118<br>119                                    |          |                                     |  | _        | Н        |              | _        |                | $\vdash$        |
| $\vdash$     | 120   |          |                                     | $\vdash$   |          |          |              |          | _              |                 |
| $\vdash$     | 121   |          | -                                   | <del>                                     </del> | -        |          |              | _        | -              | П               |
|              | 122   |          |                                     |  |          |          |              |          |                |                 |
|              | 123   |          |                                     |  |          |          |              |          |                |                 |
|              | 120<br>121<br>122<br>123<br>124<br>125        |          |                                     |  |          |          | -            |          | Г              |                 |
|              | 125   |          |                                     |  |          |          |              |          |                |                 |
|              | 126<br>127<br>128<br>129<br>130<br>131<br>132 |          |                                     |  |          |          |              |          |                |                 |
|              | 127   |          |                                     |  |          | _        |              |          |                |                 |
| <u></u>      | 128   |          |                                     | _  |          |          |              |          | <u> </u>       | Ш               |
|              | 129   | _        |                                     | ļ  |          | <u> </u> | _            |          | ļ              |                 |
| <u> </u>     | 130   | _        |                                     | ļ  |          |          |              |          |                |                 |
| <u> </u>     | 131   | _        | _                                   | <u> </u>   | <u> </u> | $\vdash$ | L.           |          | ╙              | ļ               |
| <u> </u>     | 132   | H        |                                     |  | <u> </u> | <b> </b> | _            |          | <u> </u>       | L               |
| $\vdash$     | 133   | H        | <u> </u>                            | -  | ├-       | ├        | -            |          | $\vdash$       | $\vdash$        |
| <del> </del> | 134<br>135                                    | $\vdash$ | _                                   | $\vdash$   | $\vdash$ | $\vdash$ | -            | -        | -              | Н               |
| -            | 136   | -        | -                                   | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash$     | -        | $\vdash$       | $\vdash$        |
| $\vdash$     | 137   |          | $\vdash$                            | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash$     | -        |                | Н               |
| -            | 137<br>138                                    | $\vdash$ | $\vdash$                            | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash$     | -        | $\vdash$       | Н               |
|              | 139   |          | $\vdash$                            | 1  | $\vdash$ |          | T            | <u> </u> | $\vdash$       |                 |
|              | 139<br>140                                    |          |                                     |  |          |          |              |          |                |                 |
|              | 141   | Г        |                                     |  |          |          |              |          |                |                 |
|              | 142   | L        |                                     |  |          |          |              |          |                |                 |
|              | 143   |          |                                     |  |          |          |              |          |                |                 |
|              | 144   |          |                                     | 匚  |          | $\Box$   |              | L        |                | $\Box$          |
| L.           | 145   | _        | _                                   | $oxedsymbol{oxed}$                               | L        | $\vdash$ | $oxed{oxed}$ | L        |                |                 |
|              | 146   | _        | L                                   | _  | _        | <u> </u> | L_           | Ľ        | _              | <u> </u>        |
| ·            | 147   | L_       | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u>   | L_       | <u> </u> | <u>_</u>     | _        | <u> </u>       | <u> </u>        |
| . —          | 148   | <u> </u> | <u> </u>                            | <u> </u>   | <u> </u> | <u> </u> | <u> </u>     | $\vdash$ | $\vdash$       | L               |
| <u> </u>     | 149   | <u> </u> | _                                   | <u> </u>   | <u> </u> | <u> </u> | <u> </u>     | $\vdash$ | <del> </del> _ |                 |
|              | 150   | _        | <u> </u>                            | _  |          |          | <u> </u>     | L.       | L_             | L               |